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PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Substitute for form 1449A/PTO	
				Complete if Known	
				Application No.	10/753,706
				Filing Date	January 7, 2004
				First Named Inventor	Norikazu Endo
				Art Unit	2641
Examiner Name	Unknown				
Attorney Docket Number	23230-08555				
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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
DA	A1	2002/0111810 A1	08-15-2002	Khan et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
DA	B1	JP 2003-4470 A	01-08-2003	Alpine Electronics Inc.	X
DA	B2	English Abstract of JP 2003-4470 A	01-08-2003	Alpine Electronics Inc.	
DA	B3	JP 10-97285 A	04-14-1998	Mitsubishi Electric Corporation	X
DA	B4	English Abstract of JP 10-97285 A	04-14-1998	Mitsubishi Electric Corporation	
DA	B5	JP 2002-318136 A	10-31-2002	Navigation Technologies Corporation	
DA	B6	English Abstract of JP 2002-318136 A	10-31-2002	Navigation Technologies Corporation	

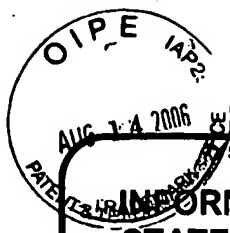
OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
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	C1	International Search Report dated April 26, 2005 for International Application No. PCT/JP2005/000428		
	C2	Written Opinion of the International Searching Authority dated April 26, 2005 for International Application No. PCT/JP2005/000428		

Examiner Signature		Date Considered	5/3/07
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23230/08555/DOCS/1530580.1



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application No.	10/753,706
Filing Date	January 7, 2004
First Named Inventor	Norikazu Endo
Art Unit	2641
Examiner Name	Not Yet Known
Attorney Docket Number	23230-08555

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U.S. PATENT DOCUMENTS

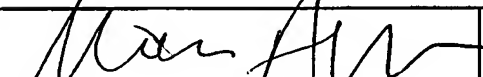
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
OA	A1	US-7,058,573	06-06-2006	Murvelt et al.
11	A2	US-6,324,513	11-27-2001	Nagai et al.
	A3	US-6,112,174	08-29-2000	Wakisaka et al.

FOREIGN PATENT DOCUMENTS

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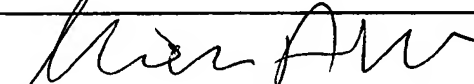
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				Application No.	Unassigned
				Filing Date	January 7, 2004
				First Named Inventor	Norikazu Endo
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DA	A	US-2003/0182054 A1	9-25-2003	Peterson, et al.
	B	US-2003/0125869 A1	7-3-2003	Adams
	C	US-2003/0105639 A1	6-5-2003	Naimpally, et al.
	D	US-2003/0036907 A1	2-20-2003	Stewart, et al.
	E	US-2002/0169611 A1	11-14-2002	Guerra, et al.
	F	US-2002/0128837 A1	9-12-2002	Morin
	G	US-2002/0072917 A1	6-13-2002	Irvin, et al.

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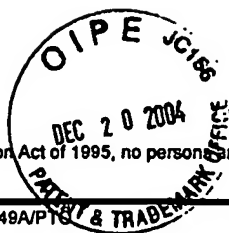
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DA	A	JP-P2000-181485A (with English Translation)	6-30-2000	Toyota Motor Corp.	X

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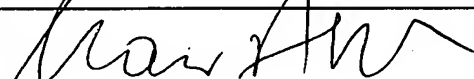
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
DA	A	US 6,144,989	11-07-2000	Hodjat, et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
DA	B	JP-P2001-195087A (with English Abstract)	7-19-2001	Mitsubishi Electric Corp.	
DA	C	JP-P2001-14165A (with English Abstract)	1-19-2001	Toshiba Corp.	
DA	D	JP-P2000-181485A (with English Abstract)	6-30-2000	Toyota Motor Corp.	

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	F	International Search Report dated January 13, 2004 for International Application No. PCT/JP03/12169.	

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